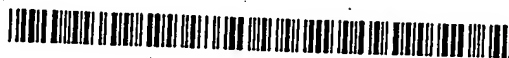


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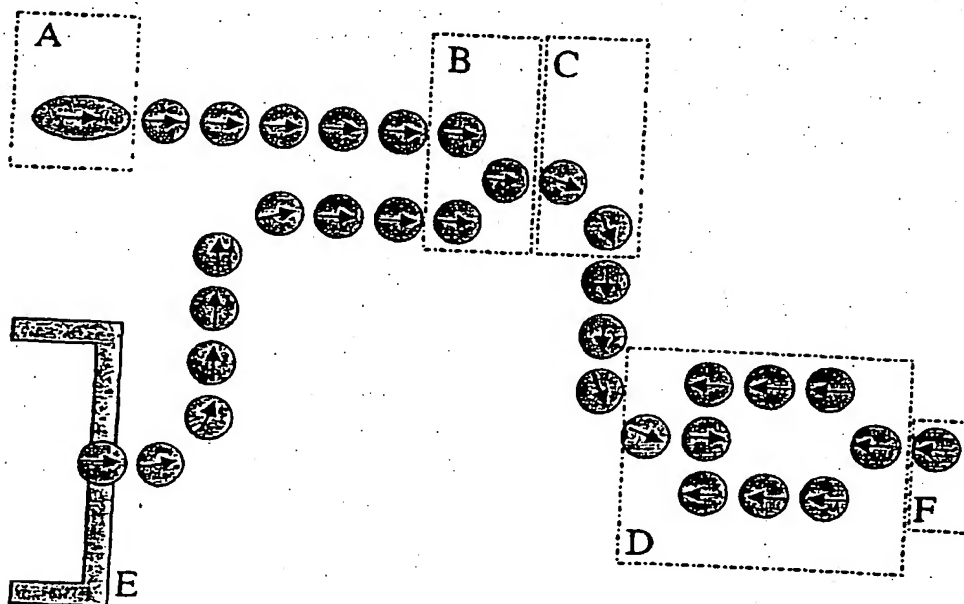
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ning of each regular issue of the PCT Gazette.

(54) Title: **MAGNETIC LOGIC DEVICE HAVING MAGNETIC QUANTUM DOTS**



(57) Abstract: A logic device formed from at least one chain of dots of magnetic material. Each dot has a width of 200 nm or less and is spaced at a distance that is sufficiently small to ensure magnetic interaction of adjacent dots.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03K19/02 H01F1/00 G01R33/02 H01L49/00 G06N1/00
H03K19/168 H03K19/195 H01L29/15

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01F G01R H01L H03K G06N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

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